

**FORM PTO-1449 Modified**  
**APR 18 2002**  
**U.S. Department of Commerce**  
**Patent and Trademark Office**

**List of Patents and Publications**  
**Cited by Applicant**  
**(Use several sheets if necessary)**

Sheet 1 of 1

Docket No.  
BTG-10002

Serial No.  
09/137,084

Applicant  
Michael F. Stumborg, et al.

Filing Date  
August 20, 1998

Group 2813

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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Name	Class	Subclass
Vu	AA 4,291,327	Sep-81	Tsang	357	52
	AB 4,550,331	Oct-85	Milano	357	24
	AC 4,692,993	Sep-87	Clark, et al	437	53
	AD 4,765,845	Aug.-88	Takada, et al	136	258
	AE 4,847,666	Jul.-89	Heremans, et al.	357	16
	AF 5,124,762	Jun-92	Childs, et al	357	16
	AG 5,225,031	Jul-93	Mckee, et al	156	612
	AH 5,248,633	Sep-93	Morar, et al	437	196
	AI 5,285,079	Feb-94	Tsukamoto, et al.	257	10
	AJ 5,378,905	Jan-95	Nakamura	257	213
	AK 5,391,517	Feb-95	Gelatos, et al	437	190
	AL 5,435,264	Jul-95	Santiago, et al	117	92
	AM 5,482,003	Jan-96	Mckee, et al	117	108
	AN 5,593,951	Jan.-97	Himpfel	505	235
	AO 5,677,572	Oct-97	Hung, et al.	257	750
	AP 5,690,737	Nov.-95	Santiago, et al.	117	92
	AQ 5,753,040	May-98	Cho	117	106
	AR 5,695,810	Dec.-97	Dubin, et al.	427	96
	AS 5,773,359	Jun-98	Mitchell, et al	438	614
	AT 5,824,599	Oct.-98	Schacham-Diamond et al.	437	230
	AU 5,932,006	Aug.-99	Santiago, et al.	117	92
Vu	AV 5,962,921	Sep.-99	Gardner, et al.	257	751

EXAMINER

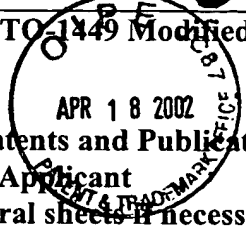
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<b>FORM PTO-249 Modified</b> <b>APR 18 2002</b> <b>Patent and Trademark Office</b> <b>List of Patents and Publications</b> <b>Cited by Applicant</b> <b>(Use several sheets if necessary)</b>  <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	Sheet 2 of 2	
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	Applicant Michael F. Stumborg, et al.	
	Filing Date August 20, 1998	Group 2811

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)						
	Document	Date	Country	Class	Subclass	Translation
<u>Vu</u>	BA 2-255569	10/31/90	Japan			Full text
Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)						
<u>Vu</u>	BB	Chaudhari, et al., "Calcium fluoride thin films on GaAs(100) for possible metal-insulator-semiconductor application", <u>Appl. Phys. Lett.</u> , Vol 62, No. 8 22 Feb 1993 pp852-854				
	BC	Chu et al., "Heteroepitaxial deposition of group IIa fluorides on gallium arsenide" <u>Mat Sci and Eng. B</u> , BolB47 1997 pp224-243				
	BD	Clemens et al., "Growth of BaF2 and BaF2SrF2 layers on (001) oriented GaAs" <u>J Appl. Phys.</u> Vol 66 No 4 15 Aug. 1989 pp1680-1685				
	BE	Hung et al., "Epitaxial growth of alkaline earth fluoride films on HF-treated Si and (NH4) 2Sx Treated GaAs without in situ cleaning" <u>Appl Phys Lett.</u> , Vol 60, No. 2 13 Jan 1992 pp201-203				
	BF	S.M. Sze, "Semiconductors Devices Physics and Technology" 1985 pp208-210				
	BG	Stumborg et al, "Determination of growth mechanisms of MBE grown BaF2 on Si(100) by target angle dependence on RBS yields" <u>Nucl. Instru and methods in Physics Res. B</u> , Vol 95 1995 pp319-392				
<u>Vu</u>	BH	Stumborg et al., "Surface chemical state population in molecular beam epitaxy deposition of BaF2 on GaAs by X-ray photoelectron spectroscopy and heavy-ion backscattering spectroscopy" <u>J. Vac Sic. Technol.</u> , Vol 14 No 1. Jan/Feb 1996 pp2739-2744				
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<b>FORM PTO-1449 Modified</b> <div style="text-align: center;">  </div> <b>List of Patents and Publications Cited by Applicant</b> (Use several sheets if necessary)  <b>U.S. Department of Commerce Patent and Trademark Office</b>	Sheet 3 of 3	
	Docket No. BTG-10002	Serial No. 09/137,084
	Applicant Michael F. Stumborg, et al.	
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<u>Vu</u>	CA	Stumborg et al., "Growth and interfacial chemistry of insulating (100) barium fluoride on gallium arsenide" <u>J Appl. Phys</u> , Vol 77, No. 6 Mar 15 1995 pp 2739-2744
<u>Vu</u>	CB	Truscott et al., "MCE Growth of BaF <sub>2</sub> /(Ga,In)(As,Sb) Structures" <u>Journal of Crystal Growth</u> , Vol 81 (1987) pp552-556
<u>Vu</u>	CC	Colbow et al., "Photoemission study of the formation of SrF <sub>2</sub> /GaAs(100) and BaF <sub>2</sub> /GaAs(100) interfaces" <u>Physical Review B</u> , Vol 49 No. 3, 15 Jan 1994, pp1750-1756
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## Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>✓</u>	AA	Nandan, B., et al., "Stability of Sputter Deposited..." <u>Nat. Res. Soc. Symp. Proc.</u> , Vol. 250, pgs 929-934 1992
<u>✓</u>	AB	Kirchner E., et al., "Ultra Thin Sacrificial Diffusion Barriers - Control of Diffusion Across The Cu-SiO <sub>2</sub> Interface", <u>Mal. Res. Soc. Symp. Proc.</u> , Vol. 318, pgs 319-322, 1994
<u>✓</u>	AC	Murarka, S. "Multilevel Interconnections For ULSI and GSI Era", <u>Materials Science and Engineering</u> , R19, pgs 87-151, 1997
	AD	
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